

EMIL SCHAEFER, Pres.

J. CHR. G. HUPFEL, Treas

ERNEST EMMEL, Sec'y.

 —————   
**The New York Hygeia Ice Company,**  
(LIMITED.) —————

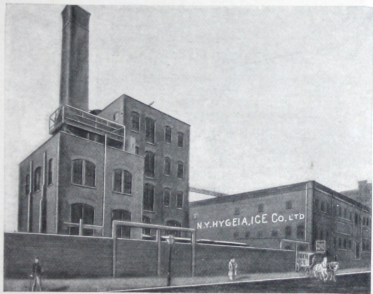
52d STREET,

East River.

New York.







VIEW OF FACTORY.

New York Hygeia Ice Company, Limited, Foot of 52d Street, East River.

# PURE ICE



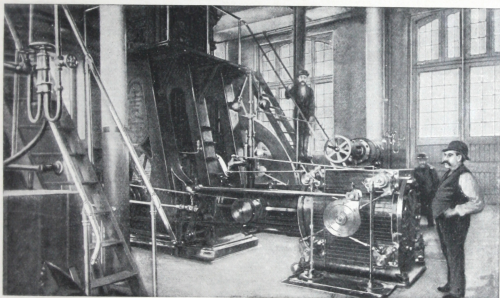
AS MADE BY THE

NEW YORK HYGEIA ICE COMPANY, LTD.

THE OUTCRY raised a few years ago against the use of Hudson River ice was re-echoed by many observant physicians, who were fixed in the belief that the use of river and lake or surface ice of any kind was fraught with the greatest danger to human health.

Those of our readers who have visited the South and compared the beautiful, translucent, clear cakes of ice manufactured by the artificial process with the speckled, not always clean or wholesome, products skimmed from our Northern rivers and ponds, have, to their surprise, found the manufactured ice more palatable and more healthful than that consumed in the North, and will be delighted to know of the success of our efforts to popularize artificial ice in the City of New York.





VIEW OF ENGINE ROOM.

New York Hygeia Ice Company, Limited, Foot of 52d Street, East River.

In our extensive manufactory at the foot of 52d Street and East River, we have undertaken to meet the long expressed want of the public and have been remarkably successful in our endeavors.

The capacity of our enormous plant reaches 200 tons a day, and has found a ready market.

In fact, the demand for pure, artificial ice throughout the country is growing enormously every year—we might almost say every month.

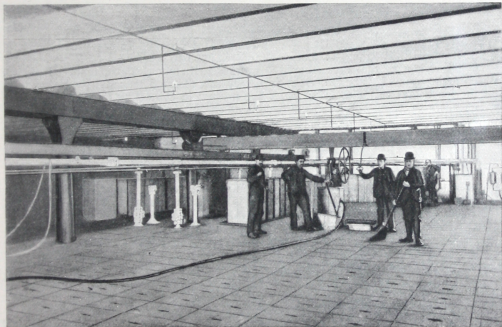
It is a strange fact that a misapprehension exists, particularly in New York and other northern cities, regarding the product of artificial refrigeration.

It is a common belief that chemicals are put into the water that is frozen; in other words, that ice artificially made is not a pure and wholesome product.

A visit to our works at the foot of 52d Street and East River discloses that this is an utter misconception of the truth. All the ice manufactured in our establishment is made from distilled water, and is, therefore, nearly chemically pure as it can well be.

Each cake of ice weighs 300 pounds, and it requires 60 hours to freeze the distilled water. Two entire floors are devoted to the freezing, and each floor has a capacity of 100 tons.

Filtered Croton water is used, and the distilling and deodorizing



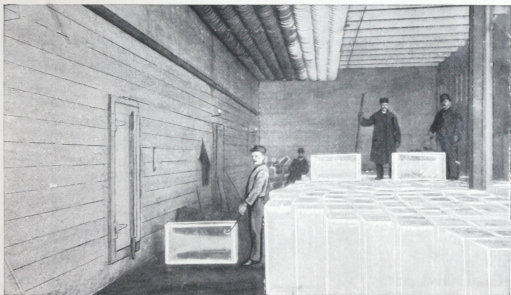
FREEZING ROOM.

New York Hygeia Ice Company, Limited. Foot of 52d Street, East River.

machinery comprises an extensive and expensive system. In the process of distillation all traces of bacteria are removed to a positive certainty. While it is true that the bacteria dangerous to human life are rendered dormant by cold, it is also true that they are restored to activity when the ice begins to melt, but through our process in subjecting every drop of water to a heat of  $340^{\circ}$  Fahrenheit, it absolutely kills every trace of bacterial life, and the distillation and filtration of the water renders it entirely free from all impurity.

There are five boilers and three enormous condensers used by us, and it is worthy of note that the product of our factory, despite the expense involved in the processes of distilling and freezing, is manufactured almost or quite as cheaply as natural ice can be cut, stored, and shipped to this city. No process of modern invention is more interesting than that of freezing water on a large scale.

In our illustrations we show the great Engine Room, with all its machinery; the Freezing Room (one of the most interesting departments in the entire building); the vast Storage Rooms; and the Bridge where the ice is delivered ready for market. A visit to our establishment is one of the sights of New York for any one who has not seen the process of ice-manufacturing carried on. It is sufficient to say that in



STORAGE ROOM.

New York Hygeia Ice Company, Limited, Foot of 52d Street, East River.

its entirety our plant is one of the finest that has ever been erected, and one of the most expensive, most complete and satisfactory in its workings.

The distilled water, and the ice produced therefrom, have been analyzed by several of our best authorities in chemistry. Professor Morton, of the Stevens Institute of Technology, writes that "**the distilled water is shown to be substantially free from all foreign matter, and to contain no trace of organic matter of any sort.** The ice appears to be **chemically pure** in the ordinary sense of the term, and entirely free from any sort of contamination."

In calling the attention of the public to the ice produced by us through the process explained above, we desire to make special mention of the fact that we are prepared to supply private families, hotels and other establishments. For this purpose we have organized systematic routes to cover the entire city, and any communication for terms or delivery will be promptly answered by addressing,

THE NEW YORK HYGEIA ICE CO., LTD.,

52d Street and East River, New York.



SHIPPING AND DELIVERY DEPARTMENTS.  
New York Hygeia Ice Company, Limited, Foot of 52d Street, East River.

